

United States of America
Department of Transportation — Federal Aviation Administration
Supplemental Type Certificate

Certificate
SURRENDERED

6-26-2009

Number

SA2775NM-D

This certificate, issued to UNITED AIR LINES

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations. Ref. TC Data Sheet A3WE for Special Conditions.

Original Product — Type Certificate Number: A3WE
Make: The Boeing Company
Model: 727-222 Series

Description of Type Design Change:

Installation of dual Mode S/ATCRBS transponders and full Traffic Alert and Collision Avoidance System (TCAS) provisions, in accordance with United Air Lines DAS 1WE approved Master Drawing List 2775, dated June 23, 1990, or later approved revision. United Air Lines AFM Supplement to FAA Approved Flight Manual D6-8728-222 dated 6/23/90, or later approved revision, is required as part of this installation.

Limitations and Conditions:

This approval does not extend to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft. The Mode S functions of the system are not approved for Traffic Alert and Collision Avoidance System (TCAS) operation. The TCAS functions of Smiths Industries IVSI are not approved for TCAS operation. Refer to AFM Supplement.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: 05/08/90

Date reissued:

Date of issuance: 06/23/90

Date amended: 1/28/91, 9/6/90



By direction of the Administrator

R. M. Casterline
R. M. Casterline (Signature)

DAS Staff Coordinator
UNITED AIR LINES DAS 1WE

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.